Ontario

Ministry of
Northern Development
and Mines

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

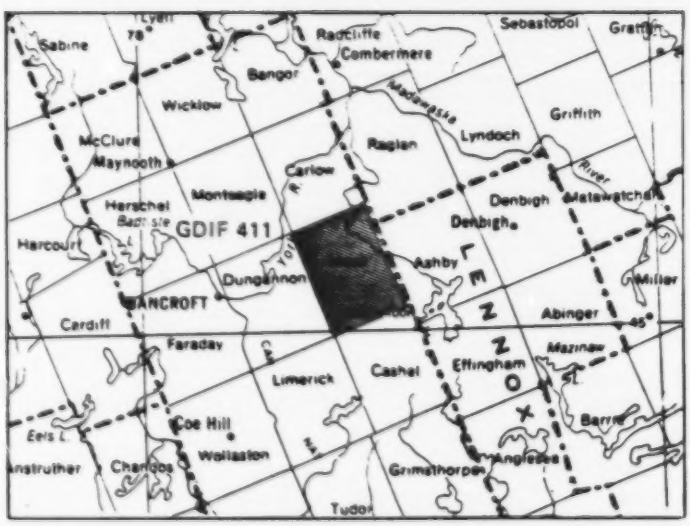
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 411

MAYO TOWNSHIP

HASTINGS COUNTY

Compiled by the Staff of
the Regional Mineral Specialist's Office
Bancroft



LOCATION MAP

Scale: 1:1 013 760 or 1 inch=16 miles

88-05041/

NTS Number 31F/4, 31F/3, 31C/13

Mining Claim Map Number M.125

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1988: Mayo Township, Hastings County: Ontario Geological Survey, Geological Data Inventory Folio 411, compiled by the staff of the Regional Mineral Specialist, Bancroft, 39 p., 2 maps.

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MAYO TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map - 1 Map

Exploration Data Map - 1 Map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	SC
2	Assessment Files Research Office, Toronto	Yes	SC
3	ODM General Index; 9 volumes	Yes	SC
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	SC
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	SC
6	ODM Industrial Mineral Reports	Yes	SC
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)		
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)		
9	Newspaper Clippings File	Yes	SC
10	GSC Index to Publications	Yes	SC
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	SC
12	OGS Index Maps	Yes	SC
13	Source Mineral Deposit Records (O.G.S.)	Yes	SC
14	Author - Subject Articles File	No	SC
15	Miscellaneous Papers: ODM & OGS	Yes	SC
16	ODM Geological Circulars: OGS Study Series	No	SC
17	ODM Preliminary Reports: ODM Bulletins	Yes	SC
18	ODM – OGS Open File Reports	Yes	SC
19	OGS Northern Ontario Engineering Geology Terrain Studies	N/A	SC
20	OGS Aggregate Resources Inventory Papers	No	SC
21	OGS Mineral Potential Maps	Yes	SC
22	OGS Guidebook Series	Yes	SC
23	OGS Mineral Policy Background Papers	No	SC
24	OGS Occasional Papers	No	SC
25	ODM Papers	Yes	SC
26	OGS/OMNR Annual Statistical Reports	Yes	SC
27	OGS Industrial Mineral Background Papers	No	SC
28	OGS Geophysical Reports	N/A	SC
29	DEMR/National Mineral Inventory Files	Yes	SC

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite
△ ank. . . . . .Ankerite
△ anna . . . . . Annabergite
△ ap. . . . . .Apatite
△ arg . . . . . Argentite
△ As . . . . . .Arsenic
△ asp . . . . . .Arsenopyrite
△ asb . . . . . .Asbestos
△ ba. . . . . .Barite
△ be. . . . . .Beryl
△ Bi. . . . . .Bismuth
△ bn . . . . . .Bornite
△ brsn . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . .Cadmium
▲ calc. . . . . .Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
△ cc. . . . . .Chalcocite
△ cp. . . . . .Chalcopyrite
△ ch. . . . . .Chert
△ clay . . . . . .Clay
△ Co . . . . . .Cobalt
△ cob. . . . . .Cobaltite
△ cb. . . . . .Columbite
△ Cu . . . . . .Copper
△ cor . . . . . .Corundum
▲ dol . . . . . .Dolomite
▲ ep. . . . . .Epidote
△ ery . . . . . .Erythrite
△ fel . . . . . .Feldspar
△ fl . . . . . .Fluorite (fluorspar)
△ fu. . . . . .Fuchsite
△ gn. . . . . .Galena
▲ gt. . . . . .Garnet
△ goe. . . . . .Goethite
▲ Au . . . . . .Gold
△ gf. . . . . .Graphite
△ gl . . . . . .Gravel
△ gyp. . . . . .Gypsum
△ hem . . . . . .Hematite
△ il . . . . . .Ilmenite
△ Fe . . . . . .Iron
△ IF. . . . . .Iron Formation
△ jas . . . . . .Jasper
△ kaol . . . . . .Kaolinite (kaolin)
△ ky . . . . . .Kyanite
▲ Pb . . . . . .Lead
△ lim . . . . . .Limonite
△ Li. . . . . .Lithium
△ mgst . . . . . .Magnesite
▲ mag . . . . . .Magnetite
△ mc . . . . . .Malachite
△ Mn . . . . . .Manganese
▲ mb . . . . . .Marble
△ mar. . . . . .Marcasite
△ ma . . . . . .Marl
△ mi . . . . . .Mica
△ ml . . . . . .Millerite
mo . . . . . .Molybdenite
▲ Mo . . . . . .Molybdenum
△ mon . . . . . .Monazite
△ ne. . . . . .Nephelite (nepheline)
△ nc. . . . . .Niccolite
△ Ni. . . . . .Nickel
△ Nb . . . . . .Niobium
△ Pd . . . . . .Palladium
△ peat . . . . . .Peat
△ pent . . . . . .Pentlandite
△ Pt. . . . . .Platinum
▲ py . . . . . .Pyrite
△ pyl . . . . . .Pyrochlore
△ pyrl . . . . . .Pyrolusite
△ po . . . . . .Pyrrhotite
△ q . . . . . .Quartz
△ qcv . . . . .Quartz carbonate vein
△ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . .Sand
△ sgl . . . . . .Sand and gravel
△ ss . . . . . .Sandstone
△ scap . . . . . .Scapolite
△ shee . . . . . .Scheelite
△ serp . . . . . .Serpentine
△ sh. . . . . .Shale
△ sid . . . . . .Siderite
△ si . . . . . .Silica
△ Ag . . . . . .Silver
△ sl . . . . . .Slate
△ sm . . . . . .Smaltite
△ sod . . . . . .Sodalite
△ spec . . . . . .Specularite
△ sp. . . . . .Sphalerite
△ spd . . . . . .Spodumene
△ staur . . . . . .Staurolite
△ stib. . . . . .Stibnite
△ st . . . . . .Stone
▲ talc. . . . . .Talc
△ Te . . . . . .Tellurium
△ td. . . . . .Tetrahedrite
△ th. . . . . .Thorite
△ Th . . . . . .Thorium
△ thuc . . . . . .Thucholite
△ ti . . . . . .Titanite
△ Ti. . . . . .Titanium
△ tour . . . . . .Tourmaline
△ trap . . . . . .Trap rock
△ W. . . . . .Tungsten
△ uran . . . . . .Uraninite
△ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
△ Y . . . . . .Yttrium
△ Zn . . . . . .Zinc
△ zr . . . . . .Zircon

ADDITIONAL MINERAL ABBREVIATIONS

▲act. . . . . .Actinolite
▲amaz. . . . . .Amazonite
▲amp. . . . . .Amphibole
▲dp. . . . . .Diopside
▲px. . . . . .Pyroxene
▲trem. . . . . .Tremolite
▲tour. . . . . .Tourmaline
▲zois. . . . . .Zoisite
▲stgb. . . . . .Stone:Gabbro
▲stgr. . . . . .Stone:Granite
▲h. . . . . .Hornblende

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Bessemer Granite (Lot 4, Con VII)	stgr			ODM MAPS: 1955-8, 1957b ODM AR Vol. 64, Pt. 8, p.27
B	Bessemer Mine (Lots 4,5, Con VI) MIN. COLL. #2	mag,py,ep, gt,amp,calc, px	SMDR # 01068 ——— MDIR # S00235	MRC 11 pp.167-168 MDC 20 pp.110-113	ODM MAPS: 52b, 1955-8, 1957b OGS MAP: P.2211 GSC MAPS: 708, 770, 15G ODM AR Vol. 17, pp.88,89,221-223 AR Vol. 52, Pt. 3, pp.37-45 AR Vol. 64, Pt. 8, pp.46,48-51 OGS OFR 5470 MP70 p.140 GSC Memoir 6 419p. Bull. 45 pp.20-22 MP 8 p.80 MR 39 pp.22-24 NMI FILE 31F/4, Fe 1,3,5 DEMR/CANMET #184 pp.16-19 #217 pp.47-50 #617 pp.128,129 Giblin (1958) McMurray (1977) pp.17,20,26 Bancroft Area Minerals Brochure Mineral Collecting Sites (1985)
C	Boulter Granite (Lots 18,19, Con XVI)	stgr			ODM MAPS: 1955-8, 1957b ODM AR Vol. 64, Pt. 8, p.25

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
D	Bulpit Lake (Lot 8, Con XIII)	mag	MDIR # S00237	MDC 20 p.114 MRC 11 p.168	ODM MAPS: 52b, 1955-8, 1957b OGS MAP: P.2211 GSC MAP: 15G ODM P.R. 1951-2 p.7 AR Vol. 64, Pt. 8, p.54 OGS OFR 5470
E	Childs Mine (Lots 11,12, Con IX) MIN. COLL. #3	mag,ep,gt, zois,px,h, py	SMDR # 01052 ——— MDIR # S00236	MDC 20 pp.114-117 MRC 11 p.169	ODM MAPS: 52b, 1955-8, 1957b OGS MAP: P.2211 GSC MAP: 15G ODM AR Vol. 52, Pt. 3, pp.45-47 AR Vol. 64, Pt. 8, pp.52-54 OGS OFR 5470 GSC MP 8 p.80 Bull. 45 pp.32-33 MR 39 pp.20-22 DEMR/CANMET #184 pp.19-21 #217 p.51 #617 pp.129,130 Giblin (1958) McMurray (1977) pp.17,20,24,26 Bancroft Area Minerals Brochure Trussler (1980) Mineral Collecting Sites (1985)
F	Dubblestein (Lot 15, Con II)	mb(dol)			ODM MAPS: 1955-8, 1957b MAYO TWP. ASSESS. FILES #9,20

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
G	Dunmayo Iron Mines Ltd. (Lots 11,12, Con VIII)	mag			ODM MAPS: 1955-8, 1957b MAYO TWP. ASSESS. FILES #4
H	Hamlyn (Lot 8 N½, Con VII)	mag	MDIR # S00238	MDC 20 p.117 MRC 11 p.169	ODM MAPS: 52b, 1955-8, 1957b OGS MAP: P.2211 GSC MAP: 15G ODM AR Vol. 64, Pt. 8, p.54 OGS OFR 5470 GSC NMI FILE 31F/4, Fe6 Giblin (1958)
I	Highway 28 East Roadcut (Lot 4, Range A) MIN. COLL. #1	act,dp,trem, calc			ODM MAPS: 1955-8, 1957b GSC Memoir 74 p.61 McMurray (1977) p.26 Peterson (1978) p.76 Mineral Collecting Sites (1985)
J	Kerr Prospect (Lot 16, Con V)	Au,Pb			ODM MAPS: 1955-8, 1957b MAYO TWP. ASSESS FILES #1
K	McArthurs Mills Granite (Lot 26, Con XII)	stgr			ODM MAPS: 52b, 1955-8, 1957b ODM AR Vol. 64, Pt. 8, p.40 OGS OFR 5282 GSC Paper 60-17 51p.

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
L	Mallard Lake Metagabbro (Lot 8, Con XIV)	stgb			ODM MAPS: 52b, 1955-8, 1957b ODM AR Vol. 64, Pt. 8, p.25
M	Mayo Lake Amazonite (Lot 9, Con V) MIN. COLL. #4	amaz			ODM MAPS: 1955-8, 1957b OGS MAP: 2567 ODM AR Vol. 64, Pt. 8, pp.1-65 OGS OFR 5425 p.1 MP 70 p.235 DEMR/CANMET #100 Mineral Collecting Sites (1985)
N	Mullen Moly (Lot 26, Con XI) MIN. COLL. #5	Mo			ODM MAPS: 1955-8, 1957b Mineral Collecting Sites (1985)
O	New Hermon (Lot 14, Con XII)	mb(dol)			ODM MAPS: 52b, 1955-8, 1957b ODM AR Vol. 64, Pt. 8, pp.1-65 OGS OFR 5585 p.260
P	Rankin (Lot 10 S½, Con IX) MIN. COLL. #6	mag	SMDR # 01053 ——— MDIR # S00239	MDC 20 pp.118-120 MRC 11 p.170	ODM MAPS: 52b, 1955-8, 1957b OGS MAP: P.2211 GSC MAP: 15G ODM AR Vol. 52, Pt. 3, pp.44-45 PR 1951-2 pp.3,8 AR Vol. 64, Pt. 8, pp.50-55 OGS OFR 5470

GDIF FORM NO. 1

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref. Letter	Name(s)	Mineralization			
P	Rankin (cont'd)				GSC Bull. 45 pp.50,51. Paper 80-18 p.266 MR 39 p.22 NMI FILE 31F/4 Fe4 DEMR/CANMET #184 pp.19-20 #217 pp.116,117 Giblin (1958) McMurray (1977) p.26 Mineral Collecting Sites (1985)
Q	Simon Brownson Farm (Lot 14, Con XII) MIN. COLL. #7	gt			ODM MAPS: 52b, 1955-8, 1957b OGS MAP: 2567 GSC MAPS: 770, 708 ODM AR Vol. 39, Pt. 6, p.34 AR Vol. 52, Pt. 3, p.31 AR Vol. 64, Pt. 8, p.45 OGS OFR 5425 GSC Memoir 6 McMurray (1977) p.20 Peterson (1978) #77 Mineral Collecting Sites (1985)
R	Smith Lake (Lot 16, Con III) MIN. COLL. #8	mb(dol)	SMDR # 01278 MDIR # S00441	MDC 21 pp.62,72-73	ODM MAPS: 1955-8, 1957b OGS MAP: P.1980 ODM AR Vol. 64, Pt. 1, pp.1-10 OGS OFR 5425 pp.193-194 OFR 5470 GSC Paper 69-50 p.117

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
R	Smith Lake (cont'd)				MAYO TWP. ASSESS FILE #5 Mineral Collecting Sites (1985)
S	Spruce Lake (Lot 1, Con I)	mb(dol)	SMDR # 01264 ——— MDIR # S00440	MDC 21 p.62	ODM MAPS: 52b, 1955-8, 1957b OGS MAPS: P.1980, P.2567 GSC MAPS: 770, 708, 15G ODM AR Vol. 64, Pt. 1, pp.1-10 OGS OFR 5425 p.193 OFR 5470 GSC Memoir 6 DEMR/CANMET #781 p.100
T	Stevens (Lot 13, Con IX) MIN. COLL. #9	mag	MDIR # S00240	MDC 20 pp.119-120 MRC 11 pp.170-171	ODM MAPS: 1955-8, 1957b OGS MAP: P.2211 GSC MAP: 15G ODM AR Vol. 52, Pt. 3, pp.45-46 AR Vol. 64, Pt. 8, p.54 OGS OFR 5470 GSC Paper 80-18 NMI FILE 31F/4 Fe7 Giblin (1958) McMurray (1977) p.26 Mineral Collecting Sites (1985)

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
U	Sword Fingal (Lots 5,6, Con V)	mag	MDIR # S00241	MRC 11 p.171 MDC 20 p.120,121	ODM MAPS: 1955-8, 1957b OGS MAP: P.2211 GSC MAP: 15G ODM AR Vol. 64, Pt.8, p.49 P.R. 1951-2 p.11 OGS OFR 5470 GSC NMI FILE 31F/4 Fe8 Giblin (1958)
V	Tourmaline Road Cut (Lot 15, Con XII) MIN. COLL. #10	tour			ODM MAPS: 1957b, 1955-8 GSC MR 39 p.26 Mineral Collecting Sites (1985)
W	Wanamaker (Lot 24, Con X)	talc	MDIR # S00089	MRC 22 pp.190-192	ODM MAPS: 52b, 1955-8, 1957b OGS MAPS: P.2209, P.2567 GSC MAPS: 770,708 ODM AR Vol. 52, Pt. 3, pp.40-47 AR Vol. 64, Pt. 1, pp.1-10 OGS OFR 5425 p.275 OFR 5296 p.439 OFR 5470 GSC Memoir 6 Econ. Geol. Series Vol. 2 p.78 DEMR/CANMET #803

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
X	Weslemkoon Granite (Lots 25,26, Cons III,IV)	stgr			ODM MAPS: 1955-8, 1957b ODM AR Vol. 64, Pt. 8, p.27

GDIF FORM NO. 1

MAYO TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Bancroft	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	KERR PROSPECT (Report by J. Satterly)	43		38		43		43												
2	FROBISHER LTD. (Report by L. Moyd)	51		50	62							50								
3	CANADA IRON MINING LTD. (Report by P.E. Giblin)	56										56								
4	DUNMAYO IRON MINES LTD. (D.J. Salt)				57 58							57								
5	RAINBOW EXPLORATION and DEVELOPMENT CO. (W.A. Gallagher)			64	64 65															
6	A.H. CLARK (Lot 29, Con 16)			76[1]	76															
	Note: [1] Information provided did not allow for accurate plotting on map face.																			

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GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Bancroft	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
7	A.H. CLARK (Lot 28, Con 16)			77																
8	A.H. CLARK (Lot 28, Con 16)			78	78 no data															
9	A. DUBBLESTEIN			85	85 no data	85														
10	A. DUBBLESTEIN			86	86 no data															

GDIF FORM NO. 2

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drill Hole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Length of Overburden	Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	Ansel B. Thomas	3	June/62		-90	0	46'	magnetite	
2	"	1	June/62		-90	0	26'	magnetite	
2	"	2	June/62		-90	0	105'	magnetite (decreasing with depth)	
3	Dunmayo-Iron Mines Ltd.	C12	Sept/57	342 05'	-45	6	693'	magnetite, some sulphides	
3	"	C31	Nov/58	325	-42	8	604.7'	magnetite, some sulphides	
3	"	C34	Nov/58	325	-45	7	675.3'	magnetite, some disseminated sulphides	
3	"	C35	Nov/58	325	-45	17	630'	magnetite	
4	Rainbow Exploration and Development Company	1	June/64		-90	0	72'	white dolomite	
4	"	2	June/64	088	-90	0	52'	white dolomite	
4	"	3	July/64	045	-90	0	47'	white dolomite	
4	"	4	July/64		-90	0	37'	pink-white dolomite	

GDIF FORM NO. 3

14 MAYO TOWNSHIP

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drill Hole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Length of Overburden	Length of Hole	Mineralization Noted in Log	Assay Data Included for
4	Rainbow Exploration and Development Company	5	May/65		-45	0	62'	white dolomite	
4	"	6	May/65		-45	0	72'	white dolomite	
4	"	7	May/65		-45	0	62'	white dolomite	
4	"	8	May/65		-45	0	58'	white dolomite	
4	"	9	May/65		-45	0	45'	white dolomite	
4	"	10	May/65		-45	0	75'	white-brown dolomite	
4	"	11	May/65		-45	0	72'	brown dolomite	
4	"	12	May/65		-45	0	28'	brown dolomite + disseminated pyrite	
5	A.H. Clark	1	June/76			3	600'		
5	"	2	June/76			2	250'		
6	Falconbridge (Rankin Property) Lot 10, Con IX	1	51				483.80'	magnetite	
6	"	2	51				447.72'	magnetite	
6	"	3	51				451.33'	magnetite	

* NOTE: Core from Rankin Property stored in Bancroft Drillcore Library

Falconbridge drill-
s not entered in
e of Work" section
ctivity not filed
assessment purposes.

GDIF FORM NO. 3

MAYO TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
1	LITHOCHEMICAL Smith Lake MQ-10 (Lot 16, Con III)	Partial Analysis for: (%) SiO_2 MgO Al_2O_3 CaO Fe_2O_3 Na_2O K_2O TiO_2 P_2O_5 MnO L.O.I. CaO:MgO ratio Trace Element Analysis for: (ppm) Ba Ni Cr Pb Hg Sr Li Zn	Ontario Geological Survey, Geoscience Laboratory Staff	OGS MAP: P.1980 OGS MDC 21 pp.72,73

GDIF FORM NO. 5

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	LITHOCHEMICAL (35 Samples) * NOTE: Too many samples to plot on map	Partial Analysis for: (%) SiO_2 MgO Fe_2O_3 Na_2O CaO TiO_2 K_2O P_2O_5 Al_2O_3 MnO L.O.I. Trace Element Analysis for: (ppm) Ba Ni Co Pb Cr Sr Cu Zn Li	Ontario Geological Survey, Geoscience Laboratory Staff	OGS OFR 5378 + Map

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result
1	K-Ar	Biotite	GSC Paper 60-17 51 p.	920 million years

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

in Bancroft

BANCROFT TIMES

Bessemer Iron Mine Part I January 21, 1987

Part II January 28, 1987

ODM GENERAL INDEX SEARCH

Words searched:

MAYO TOWNSHIP

Index Volume	Listing:	Report Volume	Part	Page
1	Mayo Tp., Hastings Co.			
	Mayo Mining & Development Co.			
	capital & date of charter	24	1	24
1	Mayo Tp., Hastings Co.			
	Mineral Range Iron Mining Co.			
	capital & date of charter	12		9
	Childs Mine	22	1	134
	Mayo Mine	17		87
		18	1	133
		19	1	126
		20	1	108
		21	1	159
1	Mayo Tp., Hastings Co.			
	tests	12	1	333,334
1	Mayo Tp., Hastings Co.			
	Bessemer Iron Mine			
	accidents	19	1	58,68, 74
		22	1	74
		23	1	76
1	Mayo Tp., Hastings Co.			
	Bessemer iron Mine			
	Iron at, magnetite,	17	1	198,204
	Canada iron Mines owns	23	1	171
	photos	17		88
		19	1	125
	production	17		58

ODM GENERAL INDEX SEARCH

Words searched:

MAYO TOWNSHIP

Index Volume	Listing:	Report Volume	Part	Page
1	Mayo Tp., Hastings Co. (Cont'd)			
	reopened			
	work			
	1908	21	1	158
	1909	17		87,89
	1911	19	1	126
	1912	21	1	159
	1913	22	1	134
	1914	23	1	172
1	Mayo Tp., Hastings Co.	24	1	157
	Childs Iron Mine			
	analysis			
	area	17		233
	Canada Iron Mines Property	12		114
1	Mayo Tp., Hastings Co.	23	1	171
	Childs Mine			
	idle			
		16	1	81,84
	notes	24	1	27,157
	photos	17		233
		13	1	96,97, 224,225
	work at	17		224
		12		114,115
		22	1	134
		23	1	172

ODM GENERAL INDEX SEARCH

Words searched:

MAYO TOWNSHIP

Index Volume	Listing:		Report Volume	Part	Page
1	Mayo Tp., Hastings Co.				
	iron ore				
	analysis		15	1	97
	mining		18	1	133-135
			23	1	172
3	Mayo Tp., Hastings Co.				
	garnet		39	6	34
4	Mayo Tp., Hastings Co.				
	Bessemer Iron Mine				
	Ops by Frobisher Exp. Co.	1941	51	1	220
		1942	52	1	207
4	Mayo Tp., Hastings Co.				
	Bessemer Iron Mine				
	production		52	3	37
	report & plans		52	3	40-44
4	Mayo Tp., Hastings Co.				
	garnets		52	3	30
	iron mining		52	3	40-47
	old workings		52	3	74
5	Mayo Tp., Hastings Co.				
	Dungannon Formation				
	magnetite in		64	8	49,52
	Hermon Formation				
	sillimanite in		64	8	59

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

MAYO TOWNSHIP

Index Volume	Listing:	Report Volume	Part	Page
5	Mayo Tp., Hastings Co. (Cont'd)			
	Report on mineral deposits + map	64	8	
7	Mayo Tp., Hastings Co.			
	McArthurs Mills Granite	Geol. Report 26		26,27
8	Mayo Tp., Hastings Co.			
	iron	MRC 11		167-171
8	Mayo Lake			
	Mayo Tp., Hastings Co.	GR 67		53
9	Mayo Tp., Hastings Co.			
	epidote	MP 70		140
	iron	MDC 20		110-121
	magnetite	MP 70		219-220
	microcline	MP 70		235

SELECTED REFERENCES

Author	Date	Title GEOLOGICAL MAPS WITHOUT REPORTS	Reference	Map Scales and/or Report Pages
Easton, R.M.	1986	Geochronologic Compilation Map for Ontario, Sheet 1, Southern Ontario, Grenville Province and Environs, Ar-Ar and K-Ar Isotopic Systesm	OGS MAP P.2840	1" = 16 mi.
"	1986	Geochronological Compilation Map for Ontario Sheet 2, Southern Ontario, Grenville Province and Environs, Rb-Sr, Nd-Sm, U-Pb and other Isotopic Systems	OGS MAP P.2841	1" = 16 mi.
Freeman, E.B.	1979	Geologic Highway Map, Southern Ontario	OGS MAP 2441	1:800,000
Hewitt, D.F., and Satterly, J.	1957	Haliburton - Bancroft Area, Province of Ontario. Revised 1972	ODM MAP 1957b	1" = 2 mi.
Lumbers, S.B.	1976	Ontario Geologic Map, Southern Sheet NTS 30/NW, 31/S, 40/NE, 41/SE (Revision of Map 2197)	OGS MAP 2392	1" = 16 mi.
Masson, S.L.	1982	Geology and Mineral Deposits of the Bancroft Area, Eastern Part, Southern Ontario, Geological Series	OGS MAP P.2524	1:10,000
Meyn, H.D. and Robertson, J.A.	1975	Iron Deposits of Ontario, Southern Sheet and District of Nipissing Mineral Deposits Series	ODM MAP P.1044	1" = 16 mi.

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Ontario Geological Survey	1974	Ontario Mineral Map	OGS MAP 2310	1" = 25 mi.
		GEOLOGICAL REPORTS WITH MAPS		
Adams, F.D., and Barlow, A.E.	1910	Geology of the Haliburton-Bancroft Areas, Province of Ontario	GSC Memoir 6 GSC MAP 770, 708	419 p. 1" = 2 mi. 1" = 4 mi.
Carter, T.R., Colvine, A.C., and Meyn, H.D.	1980	Geology of Base Metal, Precious Metal, Iron and Molybdenum Deposits in the Pembroke- Renfrew Area	OGS MDC 20 Also listed as OGS OFR 5275 OGS MAP P.2211	186 p. 1" = 2 mi.
Hewitt, D.F.	1955	Geology of Monteagle and Carlow Twps., Hastings County	ODM AR Vol. 63 Pt. 6 ODM MAP 1543	78 p. 1" = ½ mi.
Hewitt, D.F., and James, W.	1955	Geology of Dungannon and Mayo Twps.	ODM AR Vol. 64 Pt. 8 ODM MAP 1955-8	65 p. 1" = ½ mi.

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Lumbers, S.B.	1964	Preliminary Report on the Relationship of Mineral Deposits to Intrusive Rocks and Metamorphism in Part of the Grenville Province of Southeastern Ontario	ODM Prel. Report 1964-4 7 Figures	37 p. 1" = 2 mi.
"	1980	Geology of Renfrew County-Western Part	OGS OFR 5282 OGS MAPS P.2357, P.2356, P.2355	 1" = 1 mi.
"	1982	Summary of Metallogeny-Renfrew County Area	OGS Report 212 OGS MAPS 2459-2462	58 p. 1:100,000
Martin, W.	1983	Industrial Minerals of the Algonquin Region	OGS OFR 5425 OGS MAP P.2567	316 p. 1:125,000
Osborne, F.F.	1930	Non-Metallic Mineral Resources of Hastings County	ODM AR Vol. 39 Pt. 6 ODM MAP 39b	p.34 1:250,000
Papertzian, V.C. and Kingston, R.W.	1982	Chemistry of Grenville Carbonate Rocks	OGS OFR 5378 + MAP	1" = 2 mi.
Storey, C.C., and Vos, M.A.	1981	Industrial Minerals of the Pembroke-Renfrew Area, Part 1 - Marble	OGS MDC 21 Also listed as OGS OFR 5295 OGS MAP P.1980	132 p. 1:126,720

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Storey, C.C., and Vos, M.A. (cont'd)	1981	Industrial Minerals of the Pembroke-Renfrew Area, Part 2	OGS MDC 22 Also listed as OGS OFR 5296 OGS MAP P.2209	pp.190,192 1" = 2 mi.
Thomson, J.E.	1943	Mineral Occurrences in the North Hastings Area	ODM AR Vol. 52 Pt. 3 ODM MAP 52b	pp.37-47 1" = 2 mi.
		GEOLOGICAL REPORTS WITHOUT MAPS		
Abraham, E.M.	1951	Preliminary Report on the Geology in the Vicinity of Aeromagnetic Anomalies on the Bancroft and Coe Hill Sheets	ODM P.R. 1951-2	19 p.
Barnett, P.J.	1979	Quaternary Geology of the Bancroft 31F/4 area, Hastings, Renfrew, Lennox and Addington Counties, pp.136,137 in Summary of Field Work 1979 by Ontario Geological Survey	OGS MP 90	245 p.
Bourque, M.S.	1982	Stratigraphy and Sedimentology of Carbonate Metasediments within the Grenville Supergroup in the Havelock, Madoc, Bancroft Areas, pp.89-91, in Summary of Field Work 1982 by OGS	OGS MP 106	235 p.

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Carter, W.E.H., and Millar, W.G.	1904	Mines of Ontario	ODM AR Vol. 13 Pt. 1	pp.96, 97, 224, 225
Corkill, E.T.	1903	Mines of Ontario	ODM AR Vol. 12	pp.9, 114, 115, 333, 334
"	1906	Mines of Ontario	ODM AR Vol. 15 Pt. 1	p.97
"	1907	Mines of Ontario	ODM AR Vol. 16 Pt. 1	pp.81, 84
"	1908	Mines of Ontario	ODM AR Vol. 17	pp.58, 87, 89, 198, 204, 224, 233
"	1909	Mines of Ontario	ODM AR Vol. 18 Pt. 1	pp.133-135
"	1910	Mines of Ontario	ODM AR Vol. 19 Pt. 1	pp.58, 68, 74, 124, 125

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Corkill, E.T. (cont'd)	1911	Mines of Ontario	ODM AR Vol. 20 Pt. 1	p.108
"	1912	Mines of Ontario	ODM AR Vol. 21 Pt. 1	pp.158, 159
"	1913	Mines of Ontario	ODM AR Vol. 22 Pt. 1	pp.74, 134
Gibson, T.W.	1914	Statistical Review of the Mineral Industry of Ontario for 1913	ODM AR Vol. 23 Pt. 1	pp.76, 171, 172
Gordon, J.B., Colvine, A.C. and Vos, M.A.	1977	Mineral Resource Studies in the Pembroke-Renfrew Area, Southeastern Ontario pp.191-192, in Summary of Field Work, 1977 by OGS	OGS MP 75	208 p.
"	1978	Mineral Resource Studies in the Pembroke-Renfrew Area, Southeastern Ontario pp.180-181, in Summary of Field Work, 1978 by OGS	OGS MP 82	235 p.
Goudge, M.F.	1938	Limestones in Canada, Pt. IV - Ontario	DEMR/CANMET #781	pp.108, 109

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SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Hewitt, D.F.	1952	Feldspar in Ontario	ODM IMR 3	13 p.
"	1969	Geology and Scenery, Peterborough, Bancroft and Madoc Area, Ontario (Reprint 1974)	ODM Guidebook 3	114 p.
Lindeman, E.	1913	Magnetite Occurrences along the Central Ontario Railway	DEMR/CANMET #184	pp.16-20
Lindeman, E., and Bolton, L.L.	1917	Iron Ore Occurrences in Canada	DEMR/CANMET #217	pp.115-118
Lowdon, J.A.	1960	Age Determinations by the Geological Survey of Canada, Report, Isotopic Ages	GSC Paper 60-17	pp.25,41
Lumbers, S.B.	1967	Abstract - Geology and Mineral Deposits of the Bancroft-Madoc Area; pp.13-29, in Geology of Parts of Eastern Ontario and Western Quebec, The Geological Association of Canada with the Mineral Association of America		346 p.
McMurray, V.A.	1977	Rockhound and Prospector: A Guide to Mineral Locations in Hastings County	Bancroft Files	60 p.

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Meyn, H.D., et al	1985	Inventory of Rock and Mineral Collecting Sites in the Bancroft Area, Vol. II	Bancroft Files	
Ontario Geological Survey, Geoscience Data Centre	1986	Ontario Mineral Deposit Inventory	OGS OFR 5470	
Peterson, H.	1978	Peterson Guide to Mineral Collecting		61 p. #76
Rose, E.R.	1958	Iron Deposits of Eastern Ontario and adjoining Quebec	GSC Bull. 45	pp.20-22, 47-53
Sabina, A.P.	1965	Rock and Mineral Collecting in Canada Vol. II, Ontario and Quebec	GSC MP 8	252 p.
Sabina, A.P.	1970	Rocks and Minerals for the Collector, Hull-Maniwaki Quebec; Ottawa-Peterborough Ontario	GSC Paper 69-50	
"	1986	Rocks and Minerals for the Collector, Bancroft-Parry Sound Area and Southern, Ontario	GSC MR 39	182 p.

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Satterly, J.	1943	Albert Kerr Prospect	Mayo Twp. Assess. File #1 Bancroft Files	
"	1977	A Catalogue of the Ontario Localities Represented by the Mineral Collection of the Royal Ontario Museum	OGS MP 70	
Shklanka, R.	1968	Iron Deposits of Ontario	ODM MRC 1	pp.167-171
Spence, H.S.	1940	Talc, Steatite and Soapstone, Pyrophyllite	DEMR/CANMET #803	146p.
Sutherland, T.F.	1914	Mines of Ontario	ODM AR Vol. 23 Pt. 1	pp.76, 171, 172
Timm, W.B.	1925	Experimental Tests on the Beneficiation of Canadian Iron Ores	DEMR/CANMET #617 Pt. V	pp.125-150
Towers, W.O., et al	1943	Mines in Ontario	ODM AR Vol. 51 Pt. 1	pp.207, 220

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SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Traill, R.J.	1983	Catalogue of Canadian Minerals	GSC Paper 80-18	649 p.
Trussler, J.R.	1980	Mineral Collecting Files	Bancroft Office	
Verschuren, C.P., et al	1986	Reconnaissance Survey of Building Stones of Eastern and Central Ontario	OGS OFR 5585	p.260
		SURFICIAL, PLEISTICENE AND TERRAIN ENGINEERING		
Barnett, P.J.	1983	Quaternary Geology of the Bancroft Area	OGS OFR 5428 MAPS P.2396, P.2397	124 p. 1:50,000 1:50,000
"	1985	Quaternary Geology of the Bancroft Area	OGS MAP 2500	1:50,000
Barnett, P.J. and Layland, J.G.	1980	Quaternary Geology of the Bancroft Area	OGS MAP P.2376	1:50,000
Bostock, H.S.	1969	Physiographic Regions of Canada	GSC MAP 1254A	1:5,000,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Mollard, D.G.	1980	Southern Ontario Engineering Geology Terrain Study Maps: Bancroft and Haliburton	OGS OFR 5317 4 Maps	1:100,000
		TOPOGRAPHIC MAPS		
Department of Energy, Mines and Resources, Surveys and Mapping Branch	1975	Bancroft, Ontario (31F/4) Denbigh, Ontario (31F/3) Coe Hill, Ontario (31C/13)		1:50,000 1:50,000 1:50,000
		GEOCHEMICAL		
Geological Survey of Canada	1977	Geochemical Reconnaisance in Lake Sediments, Southern Ontario (NTS 31F)	GSC OF 406, 405	1:250,000
Ontario Geological Survey			OGS OFR 5228, 5227	1:250,000
Hornbrook, E.H.W. and Lund, N.G.	1982	National Geochemical Reconnaisance, Lake Sediment and Water Geochemical Survey, Southeastern Ontario	GSC OF 899 MAP 58-1982	233 p. 1:250,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOPHYSICAL		
Geological Survey of Canada	1950	Bancroft, Hastings, Renfrew, Lennox and Addington Counties, Ontario Aeromagnetic Map (Revised 1957)	GSC Map 15G	1:50,000
"	1950	Coe Hill, Hastings, Peterborough, Haliburton Counties, Ontario Aeromagnetic Map (Revised 1957)	GSC Map 16G	1" = 1 mi.
"	1953	Wilberforce, Haliburton and Hastings County, Ontario	GSC Map 110G	
"	1971	Seven Radiometric maps and profiles for 61 flight lines of an experimental high sensitivity gamma ray spectrometer survey, Bancroft, Ontario	GSC of 45 + Maps Profiles	1:50,000 1:250,000
"	1981	Eastern Ontario-Western Quebec region, Magnetic Anomaly Map Series, Residual Total Field	GSC Map 1562A	1:1291,806
		MINERAL POTENTIAL MAPS		
Springer, J.S.	1978	Ontario Mineral Potential, Kingston and Part of the Ogdensburg Sheets, Counties of Peterborough, Northumberland, Hastings, Prince Edward, Lennox and Addington, Frontenac, Lanark, Leeds, Grenville and Ottawa-Carlton, Mineral Deposit Series	OGS MAP P.1505	1:250,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Springer, J.S. (Cont'd)	1978	Ontario Mineral Potential, Pembroke and Part of Ottawa Sheets, District of Nipissing and Counties of Renfrew, Hastings, Lennox and Addington, Frontenac, Lanark, Ottawa-Carlton, Grenville and Dundas Mineral Deposit Series	OGS MAP P.1507	1:250,000
Springer, J.S., Robertson, J.A. and Vos, M.A.	1982	Mineral Potential Map of Ontario 1979, Southern Sheet + overlay	OGS OFR 5328	1" = 16 mi.
		THESES		
Giblin, P.E.	1960	A study of the Magnetite Deposits of Mayo Township, Ontario	Ph.D. Thesis U of Toronto Toronto	
James W.	1957	Geology of Dungannon and Mayo Townships in Southeastern Ontario	Ph.D. Thesis McGill U Montreal	
Lumbers, S.B.	1967	Stratigraphy, Plutonism in the Ottawa River Remanent in the Bancroft-Madoc Area, of the Grenville Province of Southeastern Ontario, Canada	Ph.D. Thesis Princeton U Princeton, N.J.	331 p.

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Rose, E.R.	1954	Iron Deposits of Eastern Ontario and their Origin	Ph.D. Thesis Queen's U Kingston	
Sangster, A.L.	1970	Metallogeny of Base Metal, Gold and Iron Deposits of the Grenville Province of Southeastern Ontario	Ph.D. Thesis Queen's U Kingston	

NOTES AND ADDENDA

LIST OF AERIAL PHOTOS PROVIDING

COVERAGE OF MAYO TOWNSHIP

FLIGHT LINE NO.	PHOTO NO.
4506	18-29
4505	32-43
4504	212-220
4503	219-225
4503	122-127
4502	194-205
4501	139-151

GDIF FORM NO.10

CARLOW

DUNGANNON

ASHBY

45 07'30"

77 41'00"

45 09'30"

77 5'00"

④

⑦ ⑧ ⑥

Peacock L.

Rowland Cr.

Rowland

Little Mississippi R.

Norway Bay

Salt Cr.

Cr

Cr.

Stringer

New Hermon

Bulpit L.

Bowen Cr.

The Red Marsh

Whyte Cr.

28

Hestler

Sharrow

McArthur Mills

Lily

Belton L.

Upper Hermon

Stevens L.

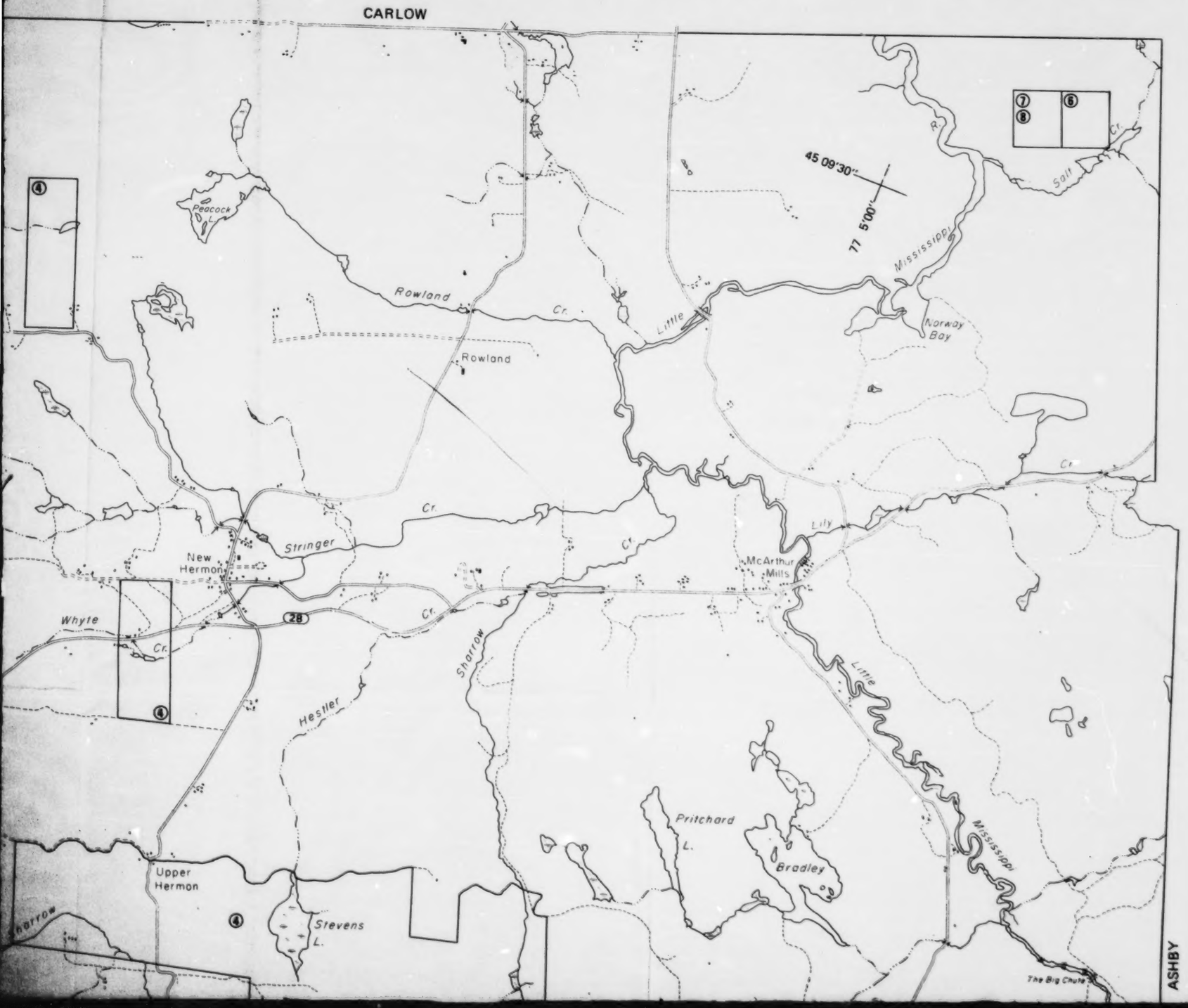
Pritchard L.

Bradley

Mississippi

The Big Chute

Mile 0.5



Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 411

(Map 1 of 2)

MAYO TOWNSHIP

HASTINGS COUNTY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

DUNGANNON

ASHBY

Mile 0.5

New Hermon

Bulpit L.

Bowen Cr.

The Red Marsh

Whyte Cr.

28

Cr.

Sharrow

Hestler

Belton L.

Upper Hermon

Stevens L.

Sharrow

Pritchard L.

Bradley

Little Mississippi

The Big Chute

Little Sharrow L.

Sharrow L.

Cr.

Wangmaker

Hartsmere

Limestone Lake

L.

Whyte L.

Little Mullet L.

Bessemer

Mullet L.

Foster L.

Little Mayo L.

Swordfingal L.

Green Narrows

Lake

Dry Narrows

Gin L.

Gin

Cr.

Hermon
Whyte Cr.
28
Cr.
Sharrow
Hestler
Little
Mississippi
Pritchard L.
Bradley
Upper Hermon
Stevens L.
Sharrow
The Big Chute
R.
ASHBY
Little Sharrow L.
Sharrow L.
Cr.
Wanamaker
Hartsmere
Limestone
Lake
L.
Whyte L.
Foster L.
Little Mayo L.
Swordfingal L.
Gin
Gin L.
Green Narrows
Lake
Dry Narrows
Mayo

EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outlined. See listing in text pages.
- Small area of exploration
- File covers whole township or area

Sharrow L.
Cr.
Wanamaker
Hartsmere
Limestone
Lake
L.
Whyte L.
Little Mullet L.
Bessemer
Mullet L.
Foster L.
Little Mayo L.
Gin
Gin L.
Swordfingal L.
Green Narrows
Lake
Dry Narrows
Mayo
V. Lake
45°01'30"
77°37'00"
Smith L.
Grassy L.
The Chain Lakes
Spruce L.
Aide
77°30'00"
45°03'00"
Chip L.
Robinson L.
CASHEL

EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outlined. See listing in text pages.
- Small area of exploration
- File covers whole township or area

Sharrow L.
Cr.
Wanomaker
Hartsmere
Limestone Lake
Whyte L.
Foster L.
Little Mayo L.
Swordfingal L.
Green Narrows
Lake
Dry Narrows
Gin L.
Gin
Mayo L.
Smith L.
Aide
Chip L.
Robinson L.
77 30'00"
45 03'00"

CASHEL

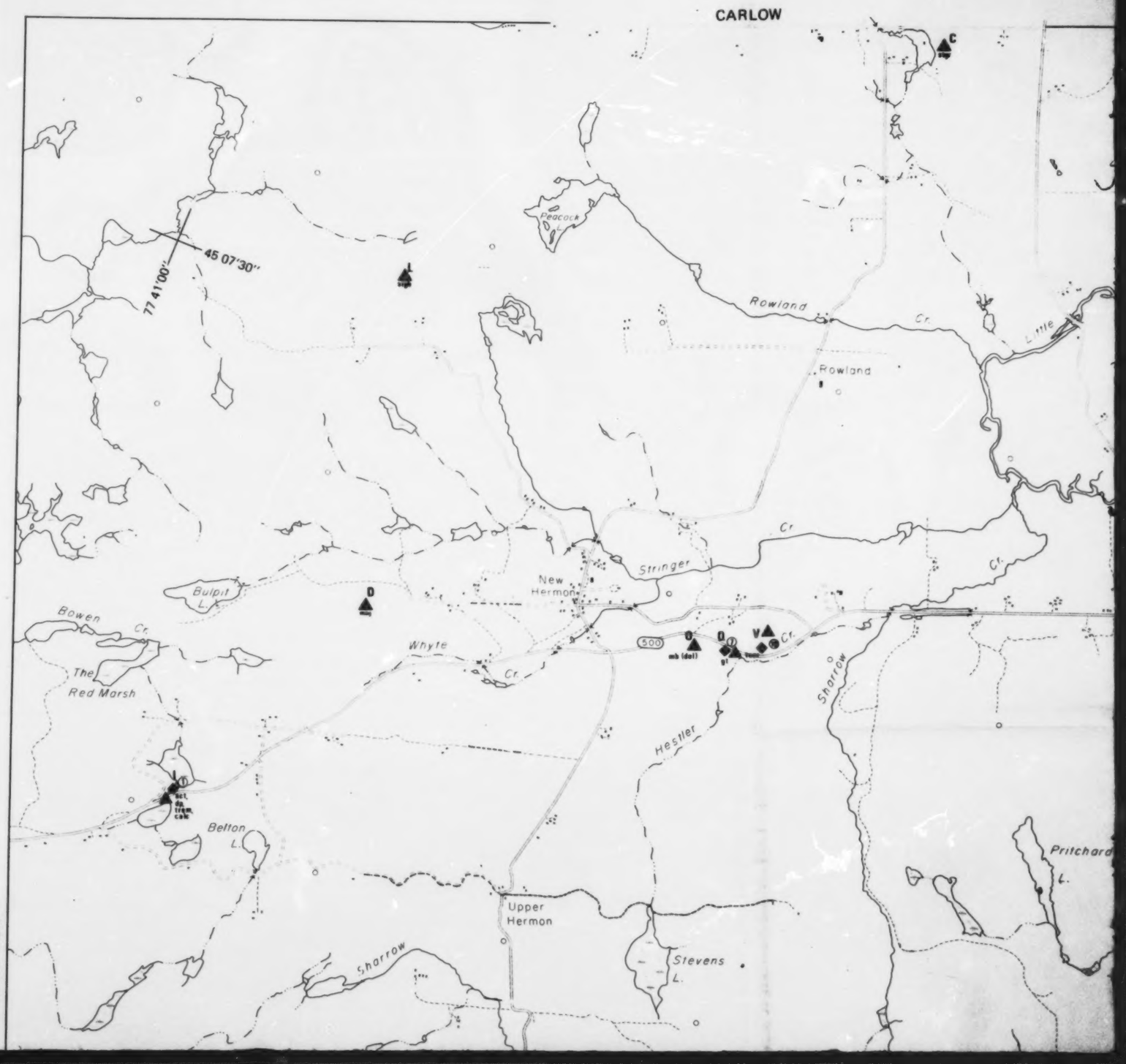
TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop



CARLOW

45 09'30"

77 35'00"

Peacock L.

Rowland Cr

Rowland

Little Mississippi

Horseshoe Bay

New Hermon

Stringer Cr

Cr

Lily

McArthur Mills

500

Sharrow Cr

Hesler

Little Mississippi

Pritchard L.

Bradley

Upper Hermon

Stevens L.

The Big Chute

Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 411

(Map 2 of 2)

MAYO TOWNSHIP

HASTINGS COUNTY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

Area of geochemical sampling, with reference number

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop VLF - Very low freq.; Turam; JEM - Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly
- SP — Self potential anomaly
- AFMAG — Audio-frequency magnetic anomaly (total intensity)
- R — Resistivity anomaly
- GR — Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

DUNGANNON

Bowen Cr.
Bumpit L.
The Red Marsh
Whyte Cr.
Hermon
500
Sharrow Cr.
Hestler
Belton L.
Upper Hermon
Sharrow
Stevens L.
Pritchard L.
Little Sharrow L.
Sharrow L.
Limestone Lake
Little Mullet L.
Bessemer
Mullet L.
Whyte L.
Foster L.
Little Mayo L.
Swordfingal L.
Green Narrows
Mayo Lake
Dry Narrows
Gin L.

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 411

(Map 2 of 2)

MAYO TOWNSHIP

HASTINGS COUNTY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- A. — Mineral occurrence in drillhole, with reference letter, and drillhole number
- ② — Mineral collecting location with reference number

DRILLHOLES

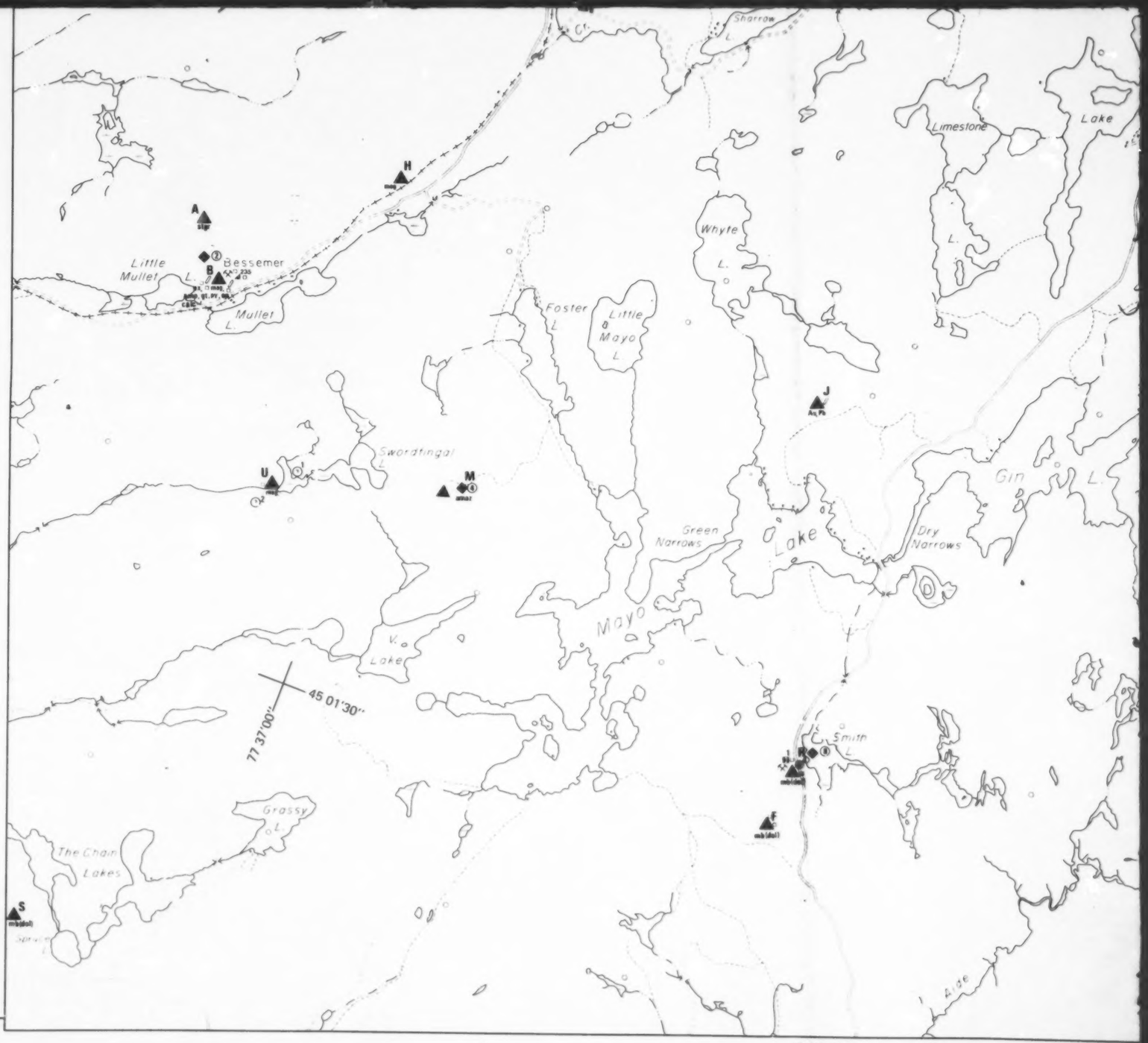
- ²• — Location of single drillhole, with reference number
- ²◉ — Location of closely spaced group of drillholes, with reference number
- ²(?) — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- ² — Property with drillholes which have not been plotted on map, with reference number
- ²⊕ — Reverse circulation drillhole; churn drilling, with reference number
- 2 # — Drillhole reference number with indication that cove is stored at Resident Geologist's drill core library.

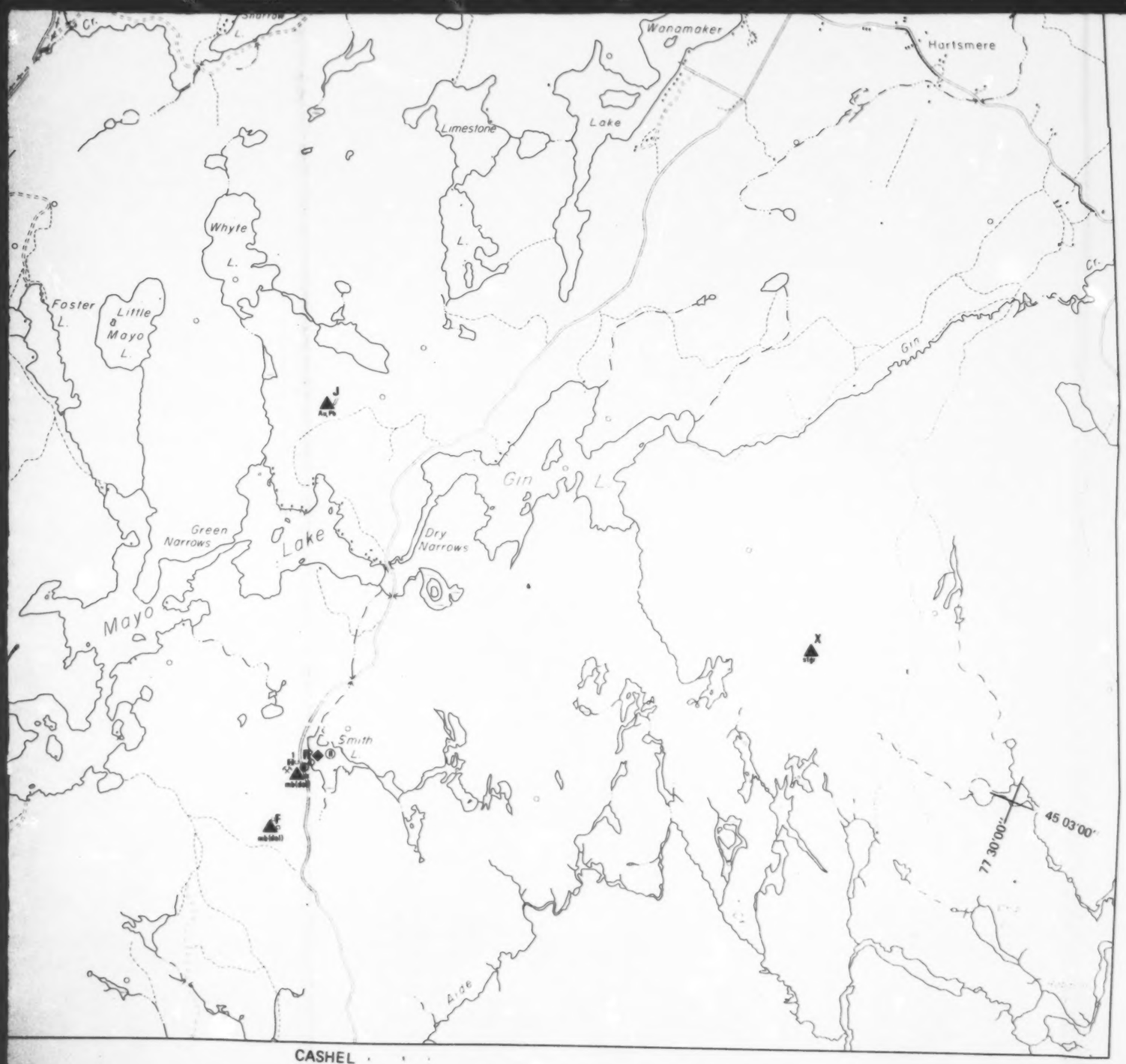
- ☐ —IP— Induced polarization anomaly
- ☐ —SP— Self potential anomaly
- ☐ —AFMAG— Audio-frequency magnetic anomaly (total intensity)
- ☐ —R— Resistivity anomaly
- ☐ —GR— Gravity anomaly

MISCELLANEOUS DATA

- ■ Trenching, pit
- ■ Rock quarry
- ☐ Adit
- ☐ Sand and/or gravel pit
- ■ Open pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.





CASHEL

Mineral occurrence at surface, with reference letter

Mineral occurrence with shaft, depth given with reference letter

Mineral occurrence reported but exact location uncertain, with reference letter

Mineralized float with reference letter

Mineral occurrence in drillhole, with reference letter, and drillhole number

Mineral collecting location with reference number

DRILLHOLES

Location of single drillhole, with reference number

Location of closely spaced group of drillholes, with reference number

Drillhole, exact location uncertain, with reference number

Property with underground drillholes in this general area, with reference number

Property with drillholes which have not been plotted on map, with reference number

Reverse circulation drillhole; churn drilling, with reference number

Drillhole reference number with indication that cove is stored at Resident Geologist's drill core library.